

Title (en)

METHOD OF UPDATING A FILE TREE STORED ON A STORAGE SERVER

Title (de)

VERFAHREN ZUR AKTUALISIERUNG EINES AUF EINEM SPEICHERSERVER GESPEICHERTEN DATEIBAUMS

Title (fr)

PROCÉDÉ DE MISE A JOUR D'UNE ARBORESCENCE DE FICHIERS MÉMORISÉE SUR UN SERVEUR DE STOCKAGE

Publication

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Application

EP 14814923 A 20141112

Priority

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- FR 2014052884 W 20141112

Abstract (en)

[origin: WO2015082791A1] The method comprises, for each inclusion of an element in a target folder of a file tree of a first user, stored on a storage server, which the first user has authorized a second user to access by providing a re-enciphering key for the target folder of the first to the second user: — the generation of a re-enciphering key for the first user of the element to a folder of a hierarchical level directly above in the tree containing element, by using a secret identifier of the element, a secret identifier of the folder of the level directly above, and private and public keys of the first user; — if the element is a file, the enciphering of the element with a public key of the first user and the secret identifier of the element; and — the updating of the tree comprising the provision to the server of the re-enciphering key generated for the first user, and as appropriate of the cipher of the element.

IPC 8 full level

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